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Research Progress on Urban Waterlogging Prevention and Control

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Message from the Guest Editors

Amidst the rapid pace of urbanization, urban waterlogging has emerged as a pressing global challenge. This phenomenon threatens the efficiency of urban operations and the quality of life for residents and may compromise the health and resilience of urban ecosystems. In response to this issue, in-depth research into preventing and controlling urban waterlogging has become especially important, establishing itself as a key area of study in urban water management.

In addressing this challenge, researchers and practitioners worldwide have made significant progress through interdisciplinary approaches, utilizing state-of-the-art models, 3S technology (Remote Sensing, Geographic Information Systems, and Global Positioning Systems), and big data analytics.

[...]

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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